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IBM Technical Disclosure Bulletins

**Term:****Display:**10 **Documents in Display Format:**  CIT,  Starting with Number  1**Generate:**  Hit List  Hit Count  Image

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Search History

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Today's Date: 9/24/2001

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	tangeretin	17	<u>L4</u>
USPT	tangeritin	1	<u>L3</u>
USPT	5792448	2	<u>L2</u>
EPAB,DWPI	2687572	5	<u>L1</u>

Trying 3106016892...Open

Welcome to STN International! Enter x:x

LOGINID:sssptal621mxw

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SESSION RESUMED IN FILE 'STNGUIDE' AT 11:04:25 ON 24 SEP 2001

FILE 'STNGUIDE' ENTERED AT 11:04:25 ON 24 SEP 2001

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.00	158.39
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.76

=> d his

(FILE 'HOME' ENTERED AT 10:46:59 ON 24 SEP 2001)

FILE 'REGISTRY' ENTERED AT 10:47:09 ON 24 SEP 2001

L1	STRUCTURE UPLOADED
L2	1 S L1 SSS SAM
L3	14 S L1 SSS FULL

FILE 'REGISTRY' ENTERED AT 10:50:11 ON 24 SEP 2001

L4	1 S L3
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FILE 'CAPLUS' ENTERED AT 10:51:31 ON 24 SEP 2001

L5	369 S L3
L6	3 S L5 AND COSMETIC
L7	53 S L3/THU
L8	5 S L7 AND SKIN
L9	17 S L3/PUR

FILE 'STNGUIDE' ENTERED AT 10:57:17 ON 24 SEP 2001

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.00	158.39
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.76

FILE 'REGISTRY' ENTERED AT 11:04:38 ON 24 SEP 2001

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STRUCTURE FILE UPDATES: 23 SEP 2001 HIGHEST RN 358331-51-8  
DICTIONARY FILE UPDATES: 23 SEP 2001 HIGHEST RN 358331-51-8

TSCA INFORMATION NOW CURRENT THROUGH January 11, 2001

Please note that search-term pricing does apply when

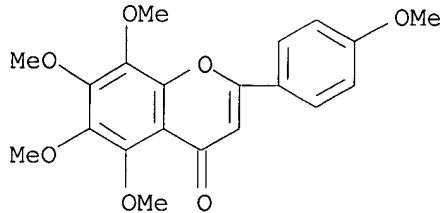
conducting SmartSELECT searches.

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=> d L3/rn  
'L3' MUST END IN '/Q', '/A', '/L', '/S' OR '/B'  
The saved name for a query (or structure or screen set) must end with '/Q'. The saved name for an answer set must end with '/A'. The saved name for an L# list must end with '/L'. SDI request names must end with '/S'. To see a list of all saved query, answer set,, and L# list names for this loginid, enter "DISPLAY SAVED" at an arrow prompt (=>). Enter "DISPLAY SAVED/S" to see a list of SDI request names. Enter "DISPLAY SAVED/B" to see a list of BATCH search requests.

=> d L3

L3 ANSWER 1 OF 14 REGISTRY COPYRIGHT 2001 ACS  
RN 315674-37-4 REGISTRY  
CN 4H-1-Benzopyran-4-one, 5,6,7,8-tetramethoxy-2-(4-methoxyphenyl)-, labeled  
with tritium (9CI) (CA INDEX NAME)  
MF C20 H20 O7  
SR CAS Registry Services  
IL XH-3



=> d L3 2-14

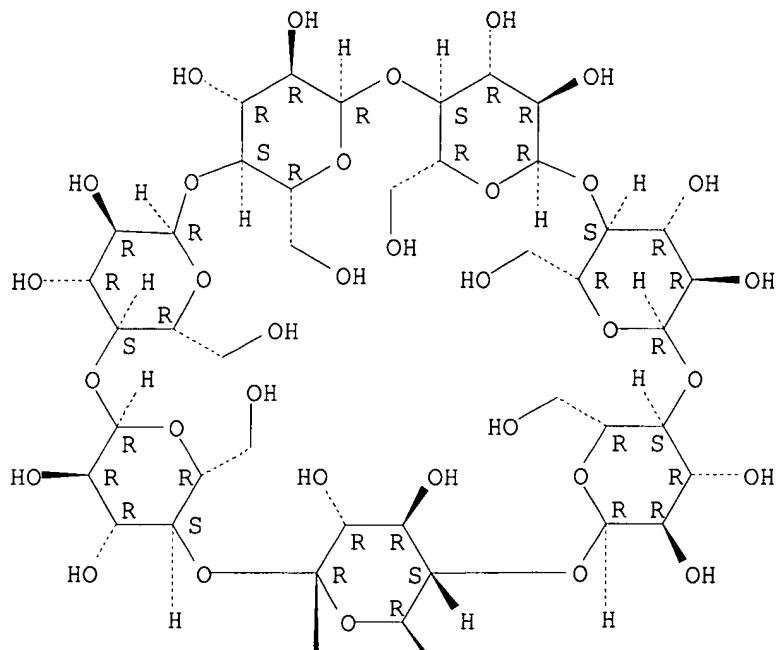
L3 ANSWER 2 OF 14 REGISTRY COPYRIGHT 2001 ACS  
RN 229152-82-3 REGISTRY  
CN .beta.-Cyclodextrin, compd. with  
5,6,7,8-tetramethoxy-2-(4-methoxyphenyl)-  
4H-1-benzopyran-4-one (1:1) (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 4H-1-Benzopyran-4-one, 5,6,7,8-tetramethoxy-2-(4-methoxyphenyl)-, compd.  
with .beta.-cyclodextrin (1:1) (9CI)  
FS STEREOSEARCH  
MF C42 H70 O35 . C20 H20 O7  
SR CA  
LC STN Files: CA, CAPLUS

CM 1

CRN 7585-39-9  
CMF C42 H70 O35

Absolute stereochemistry.

PAGE 1-A

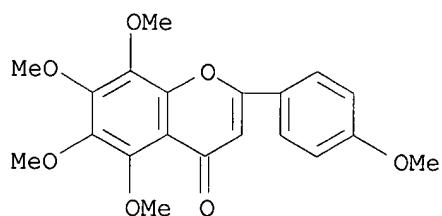


PAGE 2-A



CM 2

CRN 481-53-8  
CMF C20 H20 O7



1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L3 ANSWER 3 OF 14 REGISTRY COPYRIGHT 2001 ACS  
RN 229152-81-2 REGISTRY

CN .beta.-Cyclodextrin, compd. with 2-(3,4-dimethoxyphenyl)-3,5,6,7,8-pentamethoxy-4H-1-benzopyran-4-one (1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-3,5,6,7,8-pentamethoxy-, compd. with .beta.-cyclodextrin (1:1) (9CI)

FS STEREOSEARCH

MF C42 H70 O35 . C22 H24 O9

SR CA

LC STN Files: CA, CAPLUS

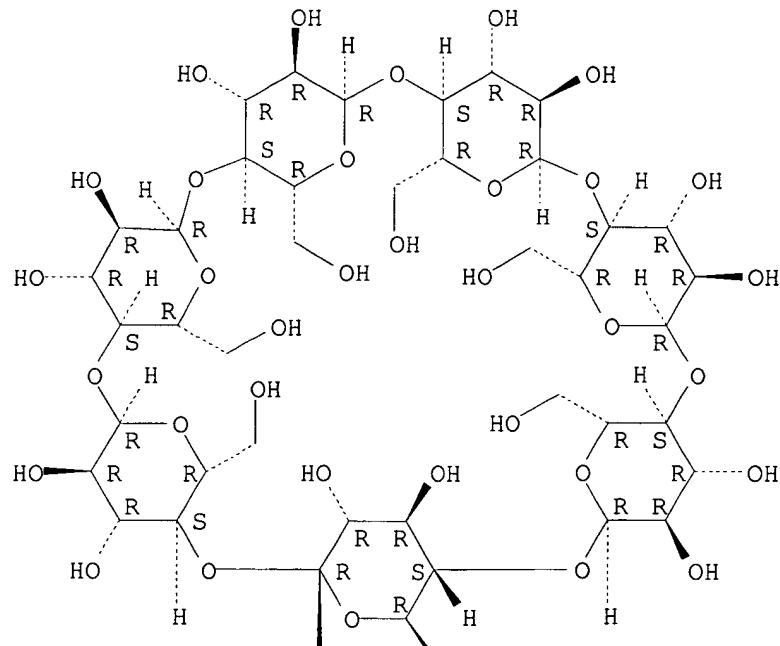
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CRN 7585-39-9

CMF C42 H70 O35

Absolute stereochemistry.

PAGE 1-A



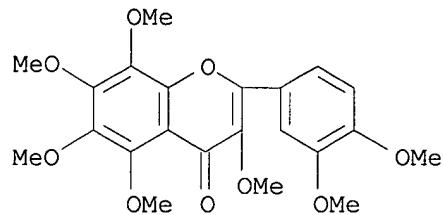
PAGE 2-A



CM 2

CRN 1178-24-1

CMF C22 H24 O9



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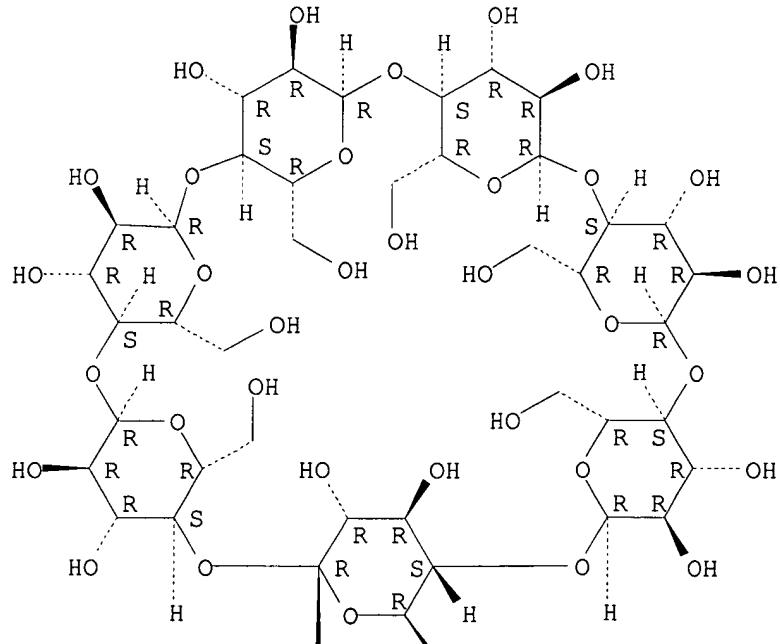
L3 ANSWER 4 OF 14 REGISTRY COPYRIGHT 2001 ACS  
 RN 229152-80-1 REGISTRY  
 CN .beta.-Cyclodextrin, compd. with 2-(3,4-dimethoxyphenyl)-5,6,7,8-tetramethoxy-4H-1-benzopyran-4-one (1:1) (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-5,6,7,8-tetramethoxy-, compd. with .beta.-cyclodextrin (1:1) (9CI)  
 FS STEREOSEARCH  
 MF C42 H70 O35 . C21 H22 O8  
 SR CA  
 LC STN Files: CA, CAPLUS

CM 1

CRN 7585-39-9  
 CMF C42 H70 O35

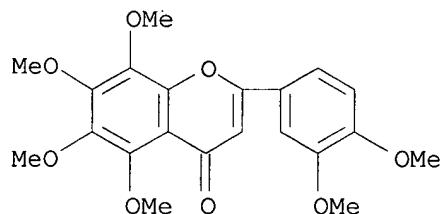
Absolute stereochemistry.

PAGE 1-A

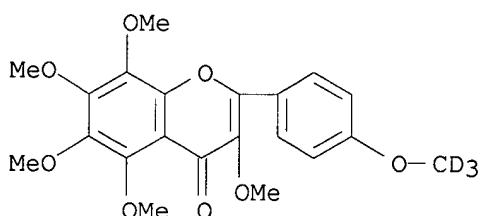




CM 2

CRN 478-01-3  
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1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L3 ANSWER 5 OF 14 REGISTRY COPYRIGHT 2001 ACS  
 RN 52412-94-9 REGISTRY  
 CN 4H-1-Benzopyran-4-one, 3,5,6,7,8-pentamethoxy-2-[4-(methoxy-d3)phenyl]- (9CI) (CA INDEX NAME)  
 MF C21 H19 D3 O8  
 LC STN Files: CA, CAPLUS

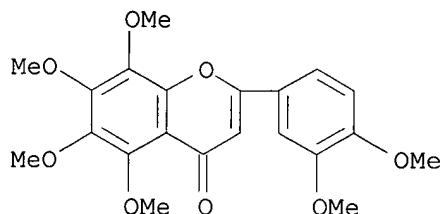
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1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L3 ANSWER 6 OF 14 REGISTRY COPYRIGHT 2001 ACS  
 RN 51901-05-4 REGISTRY  
 CN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-5,6,7,8-tetramethoxy-, mixt. with sulfinylbis[methane] (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Methane, sulfinylbis-, mixt. contg. (9CI)  
 OTHER NAMES:  
 CN Dimethyl sulfoxide-Nobiletine mixture  
 MF C21 H22 O8 . C2 H6 O S

CI MXS  
LC STN Files: CA, CAPLUS, TOXLIT

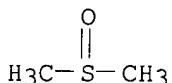
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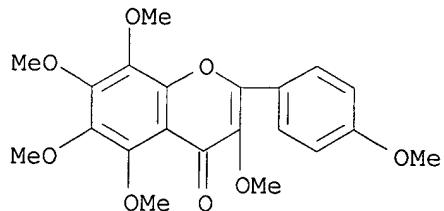
CM 2

CRN 67-68-5  
CMF C2 H6 O S



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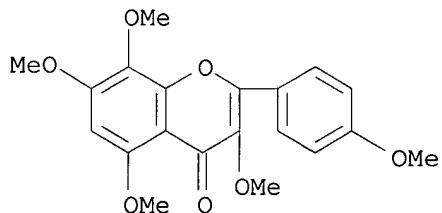
L3 ANSWER 7 OF 14 REGISTRY COPYRIGHT 2001 ACS  
RN 34170-18-8 REGISTRY  
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(CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Flavone, 3,4',5,6,7,8-hexamethoxy- (6CI, 8CI)  
MF C21 H22 O8  
LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, TOXLIT  
(\*File contains numerically searchable property data)



9 REFERENCES IN FILE CA (1967 TO DATE)  
9 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

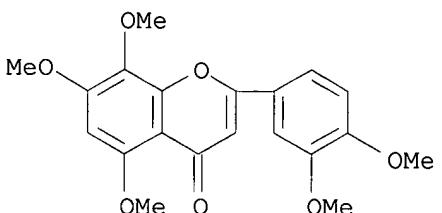
L3 ANSWER 8 OF 14 REGISTRY COPYRIGHT 2001 ACS

RN 24027-55-2 REGISTRY  
 CN 4H-1-Benzopyran-4-one, 3,5,7,8-tetramethoxy-2-(4-methoxyphenyl)- (9CI)  
 (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Flavone, 3,4',5,7,8-pentamethoxy- (7CI, 8CI)  
 OTHER NAMES:  
 CN 3,5,7,8,4'-Pentamethoxyflavone  
 CN Tambulin dimethyl ether  
 FS 3D CONCORD  
 MF C20 H20 O7  
 LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, TOXLIT  
 (\*File contains numerically searchable property data)



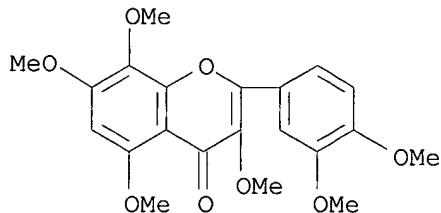
12 REFERENCES IN FILE CA (1967 TO DATE)  
 12 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 9 OF 14 REGISTRY COPYRIGHT 2001 ACS  
 RN 17290-70-9 REGISTRY  
 CN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-5,7,8-trimethoxy- (9CI)  
 (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Flavone, 3',4',5,7,8-pentamethoxy- (8CI)  
 OTHER NAMES:  
 CN 3',4',5,7,8-Pentamethoxyflavone  
 CN 5,7,8,3',4'-Pentamethoxyflavone  
 CN 6-Demethoxynobiletin  
 CN Isosinensetin  
 FS 3D CONCORD  
 DR 78590-15-5  
 MF C20 H20 O7  
 LC STN Files: BEILSTEIN\*, BIOSIS, CA, CAPLUS, NAPRALERT, SPECINFO, TOXLIT,  
 USPATFULL  
 (\*File contains numerically searchable property data)



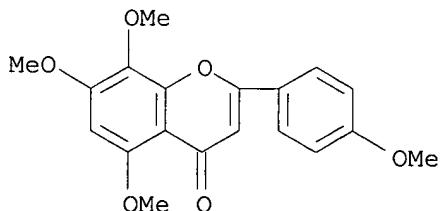
50 REFERENCES IN FILE CA (1967 TO DATE)  
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L3 ANSWER 10 OF 14 REGISTRY COPYRIGHT 2001 ACS  
RN 7741-47-1 REGISTRY  
CN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-3,5,7,8-tetramethoxy- (9CI)  
(CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Flavone, 3,3',4',5,7,8-hexamethoxy- (6CI, 7CI, 8CI)  
OTHER NAMES:  
CN 3,3',4',5,7,8-Hexamethoxyflavone  
CN 3,5,7,8,3',4'-Hexamethoxyflavone  
CN Gossypetin hexamethyl ether  
FS 3D CONCORD  
MF C21 H22 O8  
LC STN Files: AGRICOLA, BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, NAPRALERT,  
SPECINFO, TOXLINE, TOXLIT  
(\*File contains numerically searchable property data)



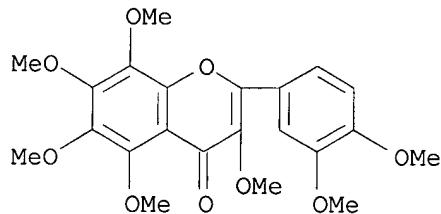
33 REFERENCES IN FILE CA (1967 TO DATE)  
33 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
6 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 11 OF 14 REGISTRY COPYRIGHT 2001 ACS  
RN 6601-66-7 REGISTRY  
CN 4H-1-Benzopyran-4-one, 5,7,8-trimethoxy-2-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Flavone, 4',5,7,8-tetramethoxy- (7CI, 8CI)  
OTHER NAMES:  
CN 4',5,7,8-Tetramethoxyflavone  
CN 6-Demethoxytangeretin  
CN 6-Demethoxytangeritin  
CN Tetra-O-methylisoscutellarein  
FS 3D CONCORD  
MF C19 H18 O6  
LC STN Files: AGRICOLA, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CAOLD,  
CAPLUS,  
NAPRALERT, SPECINFO, TOXLIT  
(\*File contains numerically searchable property data)



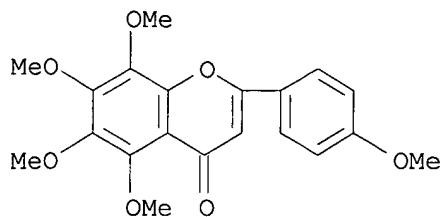
46 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
46 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 12 OF 14 REGISTRY COPYRIGHT 2001 ACS  
RN 1178-24-1 REGISTRY  
CN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-3,5,6,7,8-pentamethoxy- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Flavone, 3,3',4',5,6,7,8-heptamethoxy- (6CI, 7CI, 8CI)  
OTHER NAMES:  
CN 3',4',3,5,6,7,8-Heptamethoxyflavone  
CN 3,3',4',5,6,7,8-Heptamethoxyflavone  
CN 3,5,6,7,8,3',4'-Heptamethoxyflavone  
MF C22 H24 O9  
CI COM  
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CANCERLIT, CAOLD, CAPLUS, CHEMCATS, IFICDB, IFIPAT, IFIUDB, MEDLINE, NAPRALERT, TOXLINE, TOXLIT, USPATFULL  
(\*File contains numerically searchable property data)



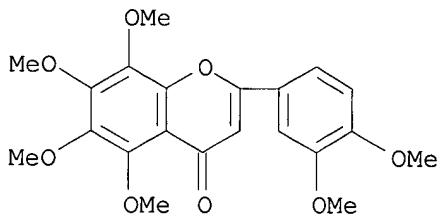
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103 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 13 OF 14 REGISTRY COPYRIGHT 2001 ACS  
RN 481-53-8 REGISTRY  
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OTHER CA INDEX NAMES:  
CN Flavone, 4',5,6,7,8-pentamethoxy- (7CI, 8CI)  
CN Tangeretin (6CI)  
OTHER NAMES:  
CN 4',5,6,7,8-Pentamethoxyflavone  
CN 5,6,7,8,4'-Pentamethoxyflavone  
CN Ponkanetin  
CN Tangeritin  
MF C20 H20 O7  
CI COM  
LC STN Files: ADISINSIGHT, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, NAPRALERT, PROMT, RTECS\*, SPECINFO, TOXLINE, TOXLIT, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



271 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 271 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 14 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 14 OF 14 REGISTRY COPYRIGHT 2001 ACS  
 RN 478-01-3 REGISTRY  
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 (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
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 CN Nobiletin (6CI)  
 OTHER NAMES:  
 CN 3',4',5,6,7,8-Hexamethoxyflavone  
 CN 5,6,7,8,3',4'-Hexamethoxyflavone  
 MF C21 H22 O8  
 CI COM  
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 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CSCHEM,  
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 PROMT, SPECINFO, TOXLINE, TOXLIT, USPATFULL  
 (\*File contains numerically searchable property data)



210 REFERENCES IN FILE CA (1967 TO DATE)  
 210 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 14 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

Part 1 of 2

Trying 3106016892...Open

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LOGINID:ssspta1621mxw  
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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Dec 17 The CA Lexicon available in the CAPLUS and CA files  
NEWS 3 Feb 06 Engineering Information Encompass files have new names  
NEWS 4 Feb 16 TOXLINE no longer being updated  
NEWS 5 Apr 23 Search Derwent WPINDEX by chemical structure  
NEWS 6 Apr 23 PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA  
NEWS 7 May 07 DGENE Reload  
NEWS 8 Jun 20 Published patent applications (A1) are now in USPATFULL  
NEWS 9 JUL 13 New SDI alert frequency now available in Derwent's  
DWPI and DPCI  
NEWS 10 Aug 23 In-process records and more frequent updates now in  
MEDLINE  
NEWS 11 Aug 23 PAGE IMAGES FOR 1947-1966 RECORDS IN CAPLUS AND CA  
NEWS 12 Aug 23 Adis Newsletters (ADISNEWS) now available on STN  
NEWS 13 Sep 17 IMSworld Pharmaceutical Company Directory name change  
to PHARMASEARCH

NEWS EXPRESS August 15 CURRENT WINDOWS VERSION IS V6.0c,  
CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP),  
AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001

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NEWS INTER General Internet Information

NEWS LOGIN Welcome Banner and News Items

NEWS PHONE Direct Dial and Telecommunication Network Access to STN

NEWS WWW CAS World Wide Web Site (general information)

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STRUCTURE FILE UPDATES: 23 SEP 2001 HIGHEST RN 358331-51-8  
DICTIONARY FILE UPDATES: 23 SEP 2001 HIGHEST RN 358331-51-8

TSCA INFORMATION NOW CURRENT THROUGH January 11, 2001

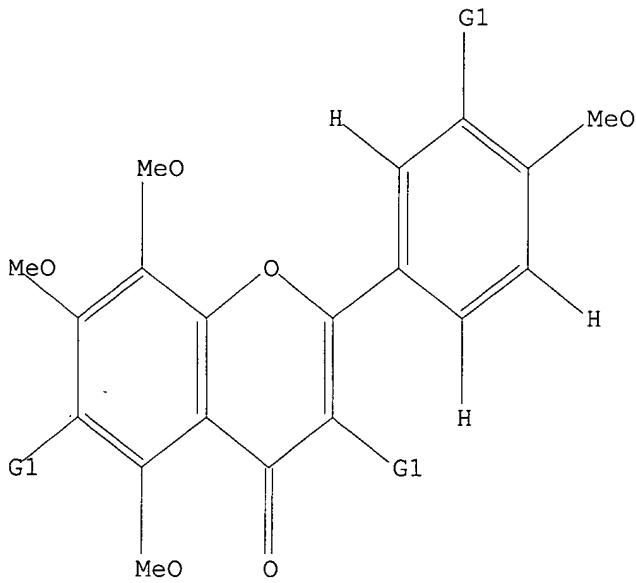
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Structure search limits have been increased. See HELP SLIMIT for details.

=>  
Uploading 09837129a.str

L1 STRUCTURE UPLOADED

=> d L1  
L1 HAS NO ANSWERS  
L1 STR



=> s L1 sss sam  
SAMPLE SEARCH INITIATED 10:47:50 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED 055 TO INTERVIEW

100.0% PROCESSED 255 ITERATIONS 1 ANSWERS  
SEARCH TIME: 00:00:01

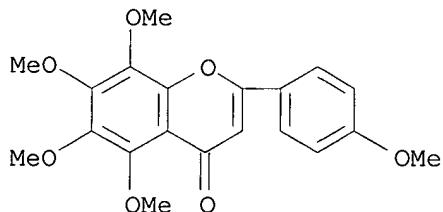
FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
PROJECTED ANSWERS: 1 TO 80  
PROJECTED ITERATIONS: 4142 TO 6058  
BATCH \*\*COMPLETE\*\*

L2 1 SEA SSS SAM L1

=> d L1 scan  
L1 HAS NO ANSWERS

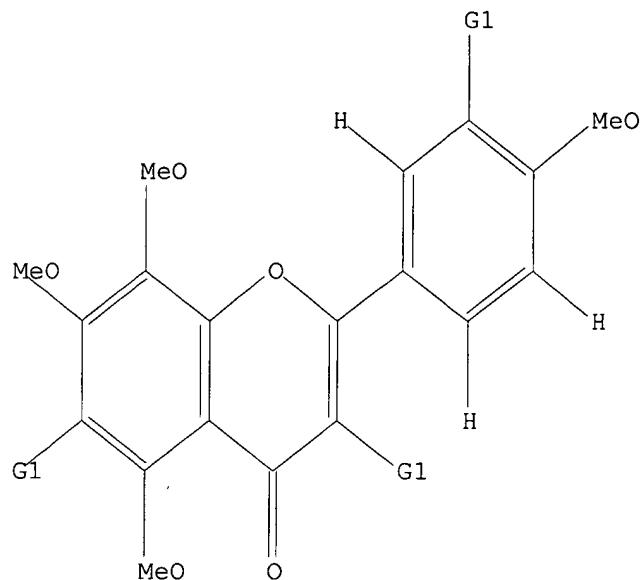
=> d 12 scan

L2 1 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN 4H-1-Benzopyran-4-one, 5,6,7,8-tetramethoxy-2-(4-methoxyphenyl)- (9CI)  
MF C20 H20 O7  
CI COM



ALL ANSWERS HAVE BEEN SCANNED

```
=> d L1 sss full
L1 HAS NO ANSWERS
'SSS FULL ' IS NOT A VALID STRUCTURE FORMAT KEYWORD
Structure Formats
SIA ----- Structure Image, Attributes, and map table if it contains
          data. (Default)
SIM ----- Structure IMage.
SAT ----- Structure ATtributes and map table if it contains data.
SCT ----- Structure Connection Table and map table if it contains
          data.
SDA ----- All Structure DAta (image, attributes, connection table and
          map table if it contains data).
NOS ----- NO Structure data.
ENTER STRUCTURE FORMAT (SIM), NOS:
ENTER STRUCTURE FORMAT (SIM), NOS:0
'0' IS NOT A VALID STRUCTURE FORMAT KEYWORD
Structure Formats
SIA ----- Structure Image, Attributes, and map table if it contains
          data. (Default)
SIM ----- Structure IMage.
SAT ----- Structure ATtributes and map table if it contains data.
SCT ----- Structure Connection Table and map table if it contains
          data.
SDA ----- All Structure DAta (image, attributes, connection table and
          map table if it contains data).
NOS ----- NO Structure data.
ENTER STRUCTURE FORMAT (SIM), NOS:sim
L1          STR
```



G1 MeO, H

Structure attributes must be viewed using STN Express query preparation.

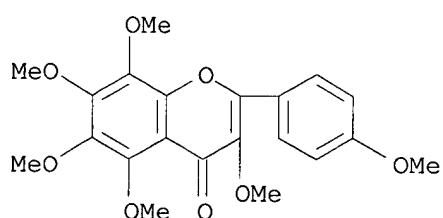
=> s L1 sss full  
 FULL SEARCH INITIATED 10:49:04 FILE 'REGISTRY'  
 FULL SCREEN SEARCH COMPLETED - 5289 TO ITERATE

100.0% PROCESSED 5289 ITERATIONS 14 ANSWERS  
 SEARCH TIME: 00.00.01

L3 14 SEA SSS FUL L1

=> d L3 scan

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN 4H-1-Benzopyran-4-one, 3,5,6,7,8-pentamethoxy-2-(4-methoxyphenyl)- (9CI)  
 MF C21 H22 O8



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

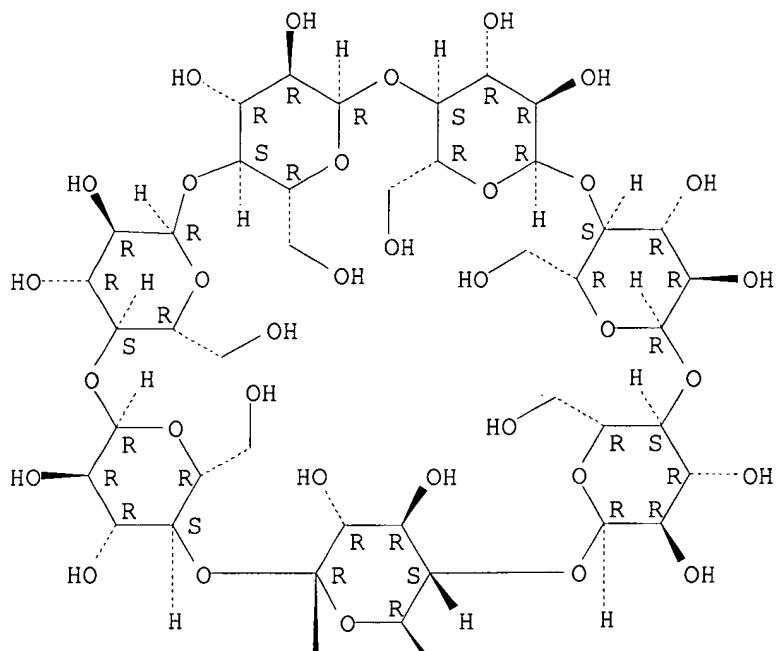
L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS

IN .beta.-Cyclodextrin, compd. with 2-(3,4-dimethoxyphenyl)-5,6,7,8-tetramethoxy-4H-1-benzopyran-4-one (1:1) (9CI)  
MF C42 H70 O35 . C21 H22 O8

CM 1

Absolute stereochemistry.

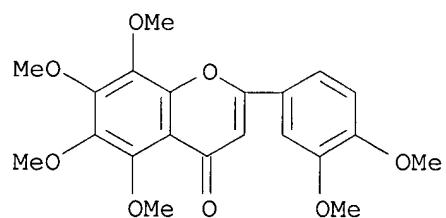
PAGE 1-A



PAGE 2-A

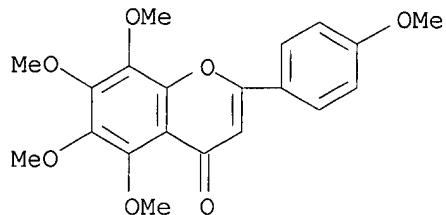


CM 2



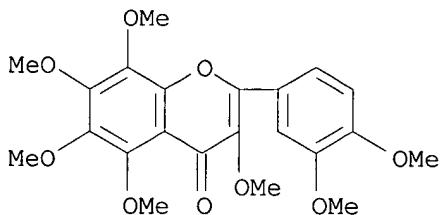
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN 4H-1-Benzopyran-4-one, 5,6,7,8-tetramethoxy-2-(4-methoxyphenyl)-, labeled  
with tritium (9CI)  
MF C20 H20 O7



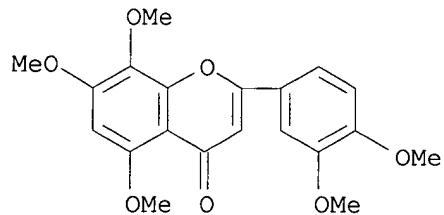
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-3,5,6,7,8-pentamethoxy-  
(9CI)  
MF C22 H24 O9  
CI COM



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-5,7,8-trimethoxy- (9CI)  
MF C20 H20 O7

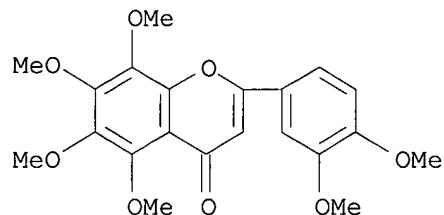


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

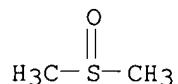
L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS

IN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-5,6,7,8-tetramethoxy-,  
mixt. with sulfinylbis[methane] (9CI)  
MF C21 H22 O8 . C2 H6 O S  
CI MXS

CM 1



CM 2



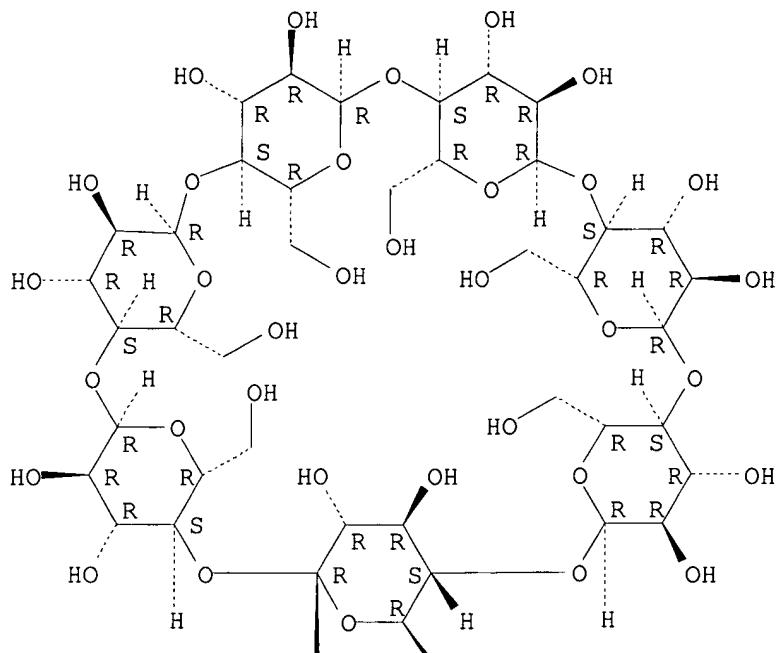
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN .beta.-Cyclodextrin, compd. with 2-(3,4-dimethoxyphenyl)-3,5,6,7,8-pentamethoxy-4H-1-benzopyran-4-one (1:1) (9CI)  
MF C42 H70 O35 . C22 H24 O9

CM 1

Absolute stereochemistry.

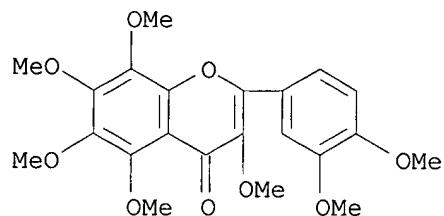
PAGE 1-A



PAGE 2-A

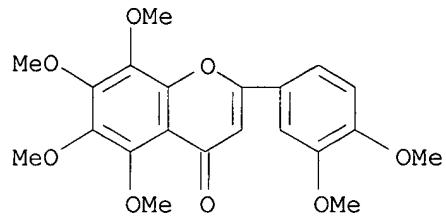


CM 2



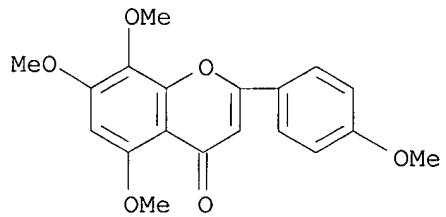
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-5,6,7,8-tetramethoxy-  
(9CI)  
MF C21 H22 O8  
CI COM



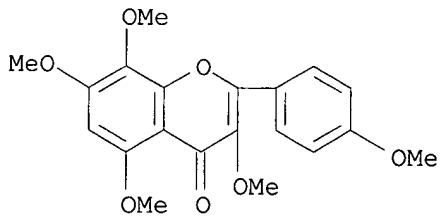
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN 4H-1-Benzopyran-4-one, 5,7,8-trimethoxy-2-(4-methoxyphenyl)- (9CI)  
MF C19 H18 O6



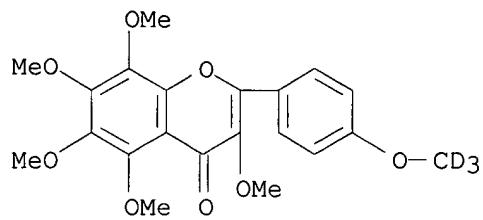
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN 4H-1-Benzopyran-4-one, 3,5,7,8-tetramethoxy-2-(4-methoxyphenyl)- (9CI)  
MF C20 H20 O7



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN 4H-1-Benzopyran-4-one, 3,5,6,7,8-pentamethoxy-2-[4-(methoxy-d3)phenyl]- (9CI)  
MF C21 H19 D3 O8



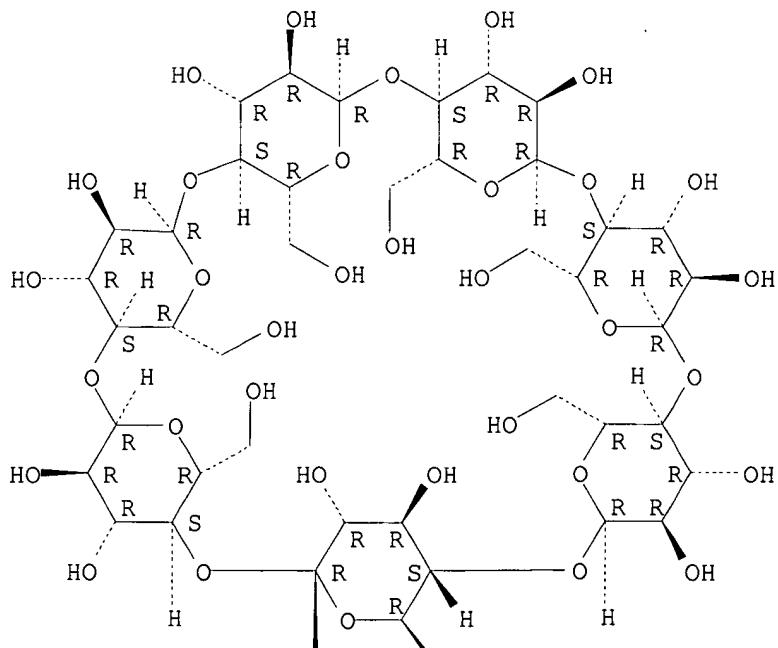
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN .beta.-Cyclodextrin, compd. with  
 5,6,7,8-tetramethoxy-2-(4-methoxyphenyl)-  
 4H-1-benzopyran-4-one (1:1) (9CI)  
 MF C42 H70 O35 . C20 H20 O7

CM 1

Absolute stereochemistry.

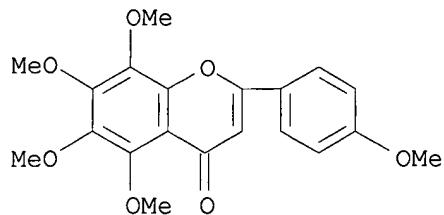
PAGE 1-A



PAGE 2-A

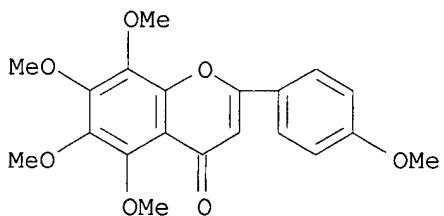


CM 2



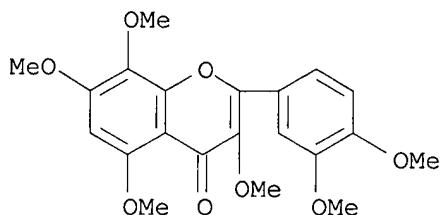
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN 4H-1-Benzopyran-4-one, 5,6,7,8-tetramethoxy-2-(4-methoxyphenyl)- (9CI)  
MF C20 H20 O7  
CI COM



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-3,5,7,8-tetramethoxy- (9CI)  
MF C21 H22 O8



ALL ANSWERS HAVE BEEN SCANNED

=> file registry  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
134.80	134.95

FILE 'REGISTRY' ENTERED AT 10:50:11 ON 24 SEP 2001  
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STRUCTURE FILE UPDATES: 23 SEP 2001 HIGHEST RN 358331-51-8  
DICTIONARY FILE UPDATES: 23 SEP 2001 HIGHEST RN 358331-51-8

TSCA INFORMATION NOW CURRENT THROUGH January 11, 2001

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT for details.

=> d his

(FILE 'HOME' ENTERED AT 10:46:59 ON 24 SEP 2001)

FILE 'REGISTRY' ENTERED AT 10:47:09 ON 24 SEP 2001

L1 STRUCTURE UPLOADED  
L2 1 S L1 SSS SAM  
L3 14 S L1 SSS FULL

FILE 'REGISTRY' ENTERED AT 10:50:11 ON 24 SEP 2001

=> s L3

SAMPLE SEARCH INITIATED 10:51:13 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 255 TO ITERATE

100.0% PROCESSED 255 ITERATIONS 1 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
PROJECTION ANSWERS: 1 TO 80  
PROJECTED ITERATIONS: 4142 TO 6058  
PROJECTED ANSWERS: 1 TO 80

L4 1 SEA SSS SAM L1

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.62	135.57

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FILE COVERS 1947 - 24 Sep 2001 VOL 135 ISS 14  
FILE LAST UPDATED: 23 Sep 2001 (20010923/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

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=> s L3  
L5 369 L3

=> s L5 and cosmetic  
37070 COSMETIC  
35434 COSMETICS  
48574 COSMETIC  
(COSMETIC OR COSMETICS)  
L6 3 L5 AND COSMETIC

=> d L6 1-3 ti

L6 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2001 ACS  
TI Lipolytic agent as health food and **cosmetic** for treatment of obesity

L6 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2001 ACS  
TI **Cosmetic** composition containing a metal oxide nanopigment and an antioxidant for hair and skin protection

L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2001 ACS  
TI **Cosmetic** compositions containing flavonoids

=> d L6 3 ibib,abs

L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2001 ACS  
ACCESSION NUMBER: 1994:173131 CAPLUS  
DOCUMENT NUMBER: 120:173131  
TITLE: **Cosmetic** compositions containing flavonoids  
INVENTOR(S): Beck, Irena; Hocquaux, Michel; Tournaire, Cecile  
PATENT ASSIGNEE(S): Oreal S. A., Fr.  
SOURCE: Fr. Demande, 14 pp.  
CODEN: FRXXBL  
DOCUMENT TYPE: Patent  
LANGUAGE: French  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2687572	A1	19930827	FR 1992-2247	19920226
FR 2687572	B1	19950609		

OTHER SOURCE(S): MARPAT 120:173131

AB **Cosmetic** compns. contg. flavonoids which have a double bond on position 2,3 and OH on position 3 are used for protection of the skin (Markush structure given). A cream contained Sinowax AO 7, Gelcol 2, cetyl alc. 1.5, iso-Pr myristate 1.5, vaseline 15.0, propylene glycol 10.0, glycerin 10.0, catechin 0.5, preservatives q.s. and water q.s. 100g.

=> s L3/thu

369 L3  
396285 THU/RL  
L7 53 L3/THU  
(L3 (L) THU/RL)

=> s L7 and skin

156526 SKIN  
5617 SKINS  
159382 SKIN  
(SKIN OR SKINS)  
L8 5 L7 AND SKIN

=> d L8 1-5 ti

L8 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS  
TI Compositions and methods for treatment of neoplastic diseases with combinations of limonoids, flavonoids and tocotrienols  
  
L8 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2001 ACS  
TI Cancer chemopreventive activity of 3,5,6,7,8,3',4'-heptamethoxyflavone from the peel of citrus plants  
  
L8 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2001 ACS  
TI Inhibitory effect of citrus nobiletin on phorbol ester-induced **skin** inflammation, oxidative stress, and tumor promotion in mice  
  
L8 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2001 ACS  
TI Inhibitory effect of flavonoids from Citrus plants on Epstein-Barr virus activation and two-stage carcinogenesis of **skin** tumors  
  
L8 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2001 ACS  
TI Compositions and methods of inhibiting neoplastic and cardiovascular diseases with compounds related to limocitrin and 5-desmethyl sinensetin

=> s L3/pur

369 L3  
151393 PUR/RL  
L9 17 L3/PUR  
(L3 (L) PUR/RL)

=> d L9 1-17 ti

L9 ANSWER 1 OF 17 CAPLUS COPYRIGHT 2001 ACS  
TI Inhibitors of 15-Lipoxygenase from Orange Peel

L9 ANSWER 2 OF 17 CAPLUS COPYRIGHT 2001 ACS  
TI Studies on chemical constituents of processed green tangerine peel

L9 ANSWER 3 OF 17 CAPLUS COPYRIGHT 2001 ACS  
TI Pharmaceuticals and foods containing flavonoids as inhibitors of formation  
of matrix metalloproteinase (MMP) and its precursor

L9 ANSWER 4 OF 17 CAPLUS COPYRIGHT 2001 ACS  
TI A new oxyprenyl coumarin and highly methylated flavones from the exudate of *Ozothamnus lycopodioides* (Asteraceae)

L9 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2001 ACS  
TI Chemical constituents of *Tripterygium wilfordii*

L9 ANSWER 6 OF 17 CAPLUS COPYRIGHT 2001 ACS  
TI Isolation and Identification of New Polymethoxyflavonoids from Dancy Tangerine Leaves

L9 ANSWER 7 OF 17 CAPLUS COPYRIGHT 2001 ACS  
TI Studies on the chemical constituents *Yengmaoercao* (*Hedyotis lindleyana*)

L9 ANSWER 8 OF 17 CAPLUS COPYRIGHT 2001 ACS  
TI Study on the constituents of flavonoids and other substances from peel of *Citrus Sinensis* (L.) Osbeck

L9 ANSWER 9 OF 17 CAPLUS COPYRIGHT 2001 ACS  
TI The genuineness of citrus oils. Note LV. Composition of mandarin essential oil produced in 1996/97

L9 ANSWER 10 OF 17 CAPLUS COPYRIGHT 2001 ACS  
TI On the chemical, botanical, and chemotaxonomical evaluation of the genus *Citrus*. Part I: polymethoxyflavones of the leaf of *Citrus deliciosa* Ten.

L9 ANSWER 11 OF 17 CAPLUS COPYRIGHT 2001 ACS  
TI Two New Polymethoxylated Flavones, a Class of Compounds with Potential Anticancer Activity, Isolated from Cold Pressed Dancy Tangerine Peel Oil Solids

L9 ANSWER 12 OF 17 CAPLUS COPYRIGHT 2001 ACS  
TI Chemical constituents from roots of *Jatropha curcas*

L9 ANSWER 13 OF 17 CAPLUS COPYRIGHT 2001 ACS  
TI Isolation of anti-leukemia compounds from *Citrus reticulata*

L9 ANSWER 14 OF 17 CAPLUS COPYRIGHT 2001 ACS  
TI Flavonoids of mandarin fruit refuse and their fungistatic action on the fungus *Phoma tracheiphila*

L9 ANSWER 15 OF 17 CAPLUS COPYRIGHT 2001 ACS  
TI Isolation of polymethoxyflavones from sweet and Mandarin orange essential oils using column chromatography and semipreparative HPLC with a recycle valve

L9 ANSWER 16 OF 17 CAPLUS COPYRIGHT 2001 ACS  
TI Cardiotonic flavonoids from *Citrus* plants (Rutaceae)

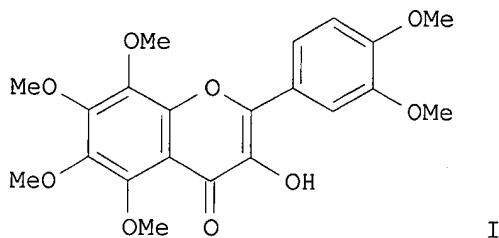
L9 ANSWER 17 OF 17 CAPLUS COPYRIGHT 2001 ACS

TI Further pyrano flavones from Neoraputia alba

=> d L9 15-16 ibib,abs

L9 ANSWER 15 OF 17 CAPLUS COPYRIGHT 2001 ACS  
ACCESSION NUMBER: 1995:538084 CAPLUS  
DOCUMENT NUMBER: 122:273747  
TITLE: Isolation of polymethoxyflavones from sweet and  
Mandarin orange essential oils using column  
chromatography and semipreparative HPLC with a  
recycle  
valve  
AUTHOR(S): Mondello, Luigi; Dugo, Paola; Stagno d'Alcontres,  
Ildefonsa  
CORPORATE SOURCE: Facolta di Farmacia, Univ. Messina, Italy  
SOURCE: Essenze, Deriv. Agrum. (1993), 63(4), 395-406  
CODEN: EDAGAH; ISSN: 0014-0902  
DOCUMENT TYPE: Journal  
LANGUAGE: Italian  
AB A method for the isolation of polymethoxylated flavones (PMF) from sweet  
orange and mandarin essential oils using chromatog. on a silica gel  
column  
and HPLC with recycle valve, using "peak shaving" technique is reported.  
The pure PMF were used to construct calibration curves against coumarin  
for the quant. estn. of PMF in the two essential oils.

L9 ANSWER 16 OF 17 CAPLUS COPYRIGHT 2001 ACS  
ACCESSION NUMBER: 1995:437431 CAPLUS  
DOCUMENT NUMBER: 122:183243  
TITLE: Cardiotonic flavonoids from Citrus plants (Rutaceae)  
AUTHOR(S): Itoigawa, Masataka; Takeya, Kazumi; Furukawa, Hiroshi  
CORPORATE SOURCE: Tokaigakuen Women's College, Nagoya, 468, Japan  
SOURCE: Biol. Pharm. Bull. (1994), 17(11), 1519-21  
CODEN: BPBLEO; ISSN: 0918-6158  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
GI



I

AB Two flavonoids, 3,5,6,7,8,3',4'-heptamethoxyflavone (HEPTA) and  
natsudaidain (I) isolated from Citrus plants (Rutaceae), produced a pos.  
inotropic effect (PIE) on guinea-pig papillary muscle. I (pD2  
4.98.+-0.07) was more potent than HEPTA, but the max. PIE of HEPTA was  
greater than that of I. The PIE of HEPTA was completely inhibited by  
reserpinization of the guinea pig, and partially inhibited by metoprolol  
and carbachol. The carbachol inhibition was omitted by atropine. The  
mechanism of PIE of HEPTA is accounted for catecholamine release from

cardiac tissue.

=> file stng			
COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
	ENTRY	SESSION	
FULL ESTIMATED COST	22.82	158.39	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL	
	ENTRY	SESSION	
CA SUBSCRIBER PRICE	-1.76	-1.76	

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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Sep 21, 2001 (20010921/UP).

=> d his

(FILE 'HOME' ENTERED AT 10:46:59 ON 24 SEP 2001)

FILE 'REGISTRY' ENTERED AT 10:47:09 ON 24 SEP 2001

L1                   STRUCTURE UPLOADED  
L2                   1 S L1 SSS SAM  
L3                   14 S L1 SSS FULL

FILE 'REGISTRY' ENTERED AT 10:50:11 ON 24 SEP 2001

L4                   1 S L3

FILE 'CAPLUS' ENTERED AT 10:51:31 ON 24 SEP 2001

L5                   369 S L3  
L6                   3 S L5 AND COSMETIC  
L7                   53 S L3/THU  
L8                   5 S L7 AND SKIN  
L9                   17 S L3/PUR

FILE 'STNGUIDE' ENTERED AT 10:57:17 ON 24 SEP 2001